

## 2025 Non-Special MegaVoltage Radiation Therapy Services Need Projection by State Service Delivery Region

Non-Special MegaVoltage Radiation Therapy Services Need Projection Summary									
SSDR <sup>1</sup>	2025 Resident Population <sup>2</sup>	2025 Projected Patients <sup>3</sup>	Average Visits per Patient <sup>4</sup>	2025 Projected Patient Visits <sup>5</sup>	2025 Projected Equivalent Visits by Type of Visit <sup>6</sup>	2025 Projected Non-Special MRT Needed <sup>7</sup>	Current Authorized Inventory <sup>8</sup>	Unmet Need [Surplus/ (Deficit)]	2019 Aggregate Utilization <sup>9</sup>
SSDR 1	965,145	2,248	22	48,594	80,192	8	8	0	75%
SSDR 2	805,038	2,078	19	39,504	68,679	7	7	0	87%
SSDR 3	5,121,694	12,215	17	212,675	351,203	39	44	5	81%
SSDR 4	570,085	1,429	21	30,522	50,269	5	6	1	63%
SSDR 5	703,536	1,793	17	30,002	50,100	5	6	1	86%
SSDR 6	533,528	1,326	21	27,966	44,394	4	5	1	111%
SSDR 7	515,296	1,172	16	19,235	26,666	2	6	4	100%
SSDR 8	398,579	941	16	15,014	23,889	2	5	3	77%
SSDR 9	318,007	695	25	17,070	26,872	2	3	1	51%
SSDR 10	371,088	882	20	17,392	27,318	3	5	2	79%
SSDR 11	445,784	1,047	20	21,113	32,973	3	4	1	82%
SSDR 12	790,689	1,780	19	33,479	57,202	6	9	3	87%
<b>Statewide</b>	<b>11,538,469</b>	<b>27,605</b>	<b>18</b>	<b>512,566</b>	<b>839,757</b>	<b>86</b>	<b>108</b>		<b>82%</b>

### Notes and Sources:

<sup>1</sup> State Service Delivery Regions (SSDR) - The twelve (12) State Service Delivery Regions (SSDR) as defined in O.C.G.A. 50-4-7 and as amended effective July 1, 2005.

<sup>2</sup> Resident Population Projections 2013-2025: Governor's Office of Planning and Budget (4/1/2017 DHP Release). See DCH Rule 111-2-2-.09(1)(b)1. Horizon year is 2025 pursuant to Rule 111-2-2-.09(1)(b)3.

<sup>3</sup> Cancer Incidence Rates from Age Adjusted Cancer Incidence Rates by County for 2013-2017, Georgia Department of Public Health (<http://dph.georgia.gov/cancer-reports>); released 2019. Rates applied to 2025 Projected Population. See DCH Rule 111-2-2-.42(3)(a)1(i).

<sup>4</sup> Two-year average treatment visits per patient for non-special MRT linear accelerators. From 2018 and 2019 Radiation Therapy Services Survey, Office of Health Planning. See DCH Rule 111-2-2-.42(3)(a)1(iv).

<sup>5</sup> Projected patient visits by SSDR. Projected Patients multiplied by Average Visit per Patient. See DCH Rule 111-2-2-.42(3)(a)1(iii)-(iv).

<sup>6</sup> Sum of the projected visit equivalents by the 5 types of visits weighted for each type. Simple visits = 1.0; Intermediate visits = 1.1; Complex visits = 1.3; IMRT visits = 1.8; Non-Special SRS = 7.0. See DCH Rule 111-2-2-.42(3)(a)1(vi).

<sup>7</sup> Number of Non-special MRT units calculated by dividing the Projected number of equivalent visits by 9,000.

<sup>8</sup> Current Inventory represents capacity non-special MRT units (existing and approved linear accelerator plus cobalt therapy units) as of 6/18/2020, official agency inventory. Does not include units approved under the utilization exception to the MegaVoltage rules. See Rule 111-2-2-.42(3)(b)(2).

<sup>9</sup> Aggregate Utilization is based on a standard of 9,000 weighted equivalent treatment visits per available (reported) unit per year. See DCH Rule 111-2-2-.42(2)(d). Aggregate Utilization must meet or exceed 80% for approval of new or expanded services pursuant to DCH Rule 111-2-2-.42(3)(a)2. From utilization and available units as reported on the Annual Radiation Therapy Services Survey for 2019. (prior year data was used in cases where 2019 data was unavailable). Includes only utilization for units that were existing and for which data was provided to DCH in the most recent year. See DCH Rules 111-2-2-.42(3)(a)2 and 111-2-2-.42(3)(a)1(vi).

### Effective Dates:

Original Calculation: 6/18/2020

Updated:

Revised:

Corrected: